IN THE CLAIMS:

1. (Previously presented) A hybrid solar energy distribution system comprising:

at least one fiber receiver for receiving visible light further comprising;

a receiver housing,

a mixing rod removably disposed in said receiver housing,

a fiber at least partially disposed in said housing and engaged with said mixing rod, said fiber further transmitting visible light to a light distribution system further comprising;

at least one fiber distribution panel;

at least one hybrid luminaire; and

a means for controlling at least one of said hybrid luminaire and said light distribution system.

2. (Canceled).

3. (Original) The hybrid solar energy distribution system of Claim 1 wherein said hybrid luminaire comprises at least one of the lighting types selected from the group consisting of direct, indirect, cove, spot, compact fluorescent, track, recessed down-lighting, LED, sunlight, and perimeter point source lighting.

4. (Original) The hybrid solar energy distribution system of Claim 1 wherein said fiber further comprises a thermally compressed fiber bundle.

5. (Previously presented) A hybrid collector comprising;

a primary mirror for producing reflected full spectrum solar radiation,

a secondary mirror supported in position for receiving said reflected full spectrum solar radiation and further filtering said full spectrum solar radiation into visible light that is reflected onto a fiber receiver, said fiber receiver further comprising;

a receiver housing,

a mixing rod removably disposed in said receiver housing,

a fiber at least partially disposed in said housing and engaged with said mixing rod, said fiber further transmitting visible light to a light distribution system further comprising;

at least one fiber distribution panel;

at least one hybrid luminaire; and

a means for controlling at least one of said hybrid luminaire and said light distribution system.

6. (Original) The hybrid collector of Claim 5 wherein said secondary mirror is supported by a secondary mount further comprising;

a non-rigid structure that blocks less than 5% of said reflected full spectrum solar radiation and maintains predetermined optical distances.

7. (Canceled).

8. (Original) The hybrid collector of Claim 5 wherein said fiber further comprises a thermally compressed fiber bundle.

9. (Original) The hybrid collector of Claim 5 wherein multiple collectors are positioned in a mirror farm array connected to a single sun tracking system.

10. (Original) The hybrid collector of Claim 5 wherein said primary mirror is segmented into multiple sections.

11. (Original) The hybrid collector of Claim 5 wherein said secondary mirror is segmented into multiple sections.

12. (Original) The hybrid collector of Claim 5 wherein said primary mirror and secondary mirror are segmented into multiple sections.